

833 GAATGCTTAA⁹⁵⁴ A¹C¹GAGCA¹ T¹AAG¹TA¹CA¹TA¹ B64

A015021	A015021	R45 bp	mRNA			EST	28967-2000
LOCUS	A015021	NTERM4	Homo sapiens	U15	CNA	U15	NTERM4
DEFINITION	sequence.						
ACCESSION	A015021						
VERSION	A015021.1						
KEYWORDS	EST.						
SOURCE	human.						

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E-mail: demichis@f.ynu.jp

FEATURES	Location/Qualifiers
source	1, 1845

FEATURES	LOCATION/Qualifiers
SOURCE	1. 845

source
A. 104
/organism--"Homo sapiens"

[illegible]

/c1one-"NI2RM4000896"

76 LONG-110-"N12RM4"

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/cell_type="teratocarcinoma"  
/cell_line "MPC"
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/CELL LINE "H12"
 /Acute "Vaccinia (MEIST) - INFLUENZA (H1N1) neurona)

precursor cells⁹

HASE COUNT	202	232	226	182	3 Others
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ORIGIN

Query Match

Quality MACH	81.06;	Score 48.6;	LS 1;	Reliability 84.5;
Best Local Simplicity	92.19;	Prod. No. 6, 6.0-1.40;		

Matches	574	Conservative	0	Mismatches	11	Indels	49	Gaps	4
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Oy

[illegible]

6/7/2013 10:07 AM

67 qqaataataacectcaqqqtta:rq----- --qa 87

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D_b 280 GGAATATA¹⁰CTTCAGGGGTTATTGACTGGTCCCTCACCTAGGGGCAAGGAG;AAGAG 339

88 qatagutitl tccaaqqaatatatccacctcaadtaattcgaatttttgcg 147

Db 340 CATAGGCGGCGCCCAAGSAAAATAATCCAGCGTTAAAAATAATGATATGTAAC 399

[illegible]

Qy 148 aa0'qccaaudau : la ttttcaatqat ta! : sdujrooqudzcufda!aqqac 207

[illegible]

Dh 400 AAGTGGCCACAAAGGGAATCTAATTTCATAATTAAGAGTTTGAGCA 459

[illegible]

25	200	199	198	197	196	195	194	193	192	191	190	189	188	187	186	185	184	183	182	181	180	179	178	177	176	175	174	173	172	171	170	169	168	167	166	165	164	163	162	161	160	159	158	157	156	155	154	153	152	151	150	149	148	147	146	145	144	143	142	141	140	139	138	137	136	135	134	133	132	131	130	129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
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460 TGACAGGCAATGGTAAAGAGTGGTCTTCAAGGCTTAAATCTCAATATCTC 519

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/organism="Homo sapiens"
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 /clone="U9501001863"
 /clone_lib="THYROL"
 /issue_type="fibroblast gland"
 /note="vector: pME18SF13"
 BASE COUNT 183 a 211 c 210 g 160 t 3 others
 ORIGIN

Query Match 80.1% Score 480.4; DB 10; Length 767;
 Best Local Similarity 92.9% Pred. No. 127;
 Matches 492; Conservative 0; Mismatches 7; Indels 34; Gaps 2.

 QY 1 ataaagctctcaacagatctatgagctatgactgacacagatgactgagagagctatgag 60
 DB 191 ATGAGGCTCTCAAGAGTGTCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 250
 QY 61 gaataatccccctcaggggtatctt-----ga 87
 DB 251 GGAATATACCGCTCAAGAGCTTATTTGATTTGCTGCTGCTGCTGCTGCTGCTGCT 310
 QY 88 gataatgataatgacacagagagagagagagagagagagagagagagagagagag 147
 DB 311 GATAGCTGTGCTCCCAAG 370
 QY 148 aadtagacacaaag 207
 DB 371 AAGTCGCAAAAAG 430
 QY 208 tgcagggagatgag 267
 DB 431 TGCAGGAGATGTGAAG 489
 QY 268 agctgctccaaatgcacag 327
 DB 490 AGCTGCTCCCAATGCGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 549
 QY 328 cagagacacagatgag 387
 DB 550 GAG 609
 QY 388 ttcagctgctcaattgcagcctctgctcgaatggagagcctgagcctctctgagagag 447
 DB 610 TTGCAATGATTTAATGAG 669
 QY 448 aagacacacacagatgag 507
 DB 670 AAACAGACACCGTGTGACCTGCTCCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 729
 QY 508 ttcctgataatgataaag 545
 DB 730 TGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 767

RESULT 10
 LOCUS BE871809 468 bp mRNA EST 20-07-2000
 DEFINITION 6014483481 NIH_M4_65 Homo sapiens cDNA clone IMAGE:3052525 5',
 mRNA sequence.
 ACCESSION BE871809
 VERSION BE871809.1 GI:10320585
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
 REFERENCE NIH-M4-65 (bases 1 to 969)
 AUTHORS NIH-M4-65/nci.nih.gov/
 TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
 JOURNAL Unpublished (1999)
 CONTACT Robert Strausberg, Ph.D.
 COMMENT Email: cgapbs@mail.nih.gov

Tissue Procurement: APCR
 cDNA library preparation: Life Technologies, Inc.
 cDNA library Arrayed by: The I.M.A.G.E. Consortium (LNL)
 DNA Sequencing by: Incyte Genomics, Inc.
 Clone Distribution: MGC clone distribution information can be
 found through the I.M.A.G.E. Consortium/HLN at:
 http://imgc.lnl.gov
 Plate: LAM9574 row: 0 column: 22
 High quality sequence stop: 642.

FEATURES

Source

Location/Qualifiers

1..969

Organism: "Homo sapiens"

Accession: "U9501001863"

Clone: "U9501001863"

Issue: "Fibroblast gland"

Library: "MGC"

Site: "22"

Plate: "LAM9574"

Row: "0"

Column: "22"

High quality sequence stop: 642.

BASE COUNT 281 a 273 c 241 g 174 t

ORIGIN

Query Match

Best Local Similarity 92.9% Pred. No. 127;

Matches 492; Conservative 0; Mismatches 7; Indels 34; Gaps 2.

QY 108 aadagatag 166

DB 1 AAAATATATGCTGCTCCCAAG 60

QY 167 gactgataatgag 226

DB 61 ACITCTATTAAGTCT 120

QY 227 gct 286

DB 121 GCT 180

QY 287 ag 346

DB 181 AGGAAATGAGTCT 240

QY 347 ag 406

DB 241 GGAGGAG 400

QY 407 gactgataatgag 466

DB 301 GCT 460

QY 467 gctgct 526

DB 361 CCTTCT 420

QY 527 aadagatag 586

DB 421 AAAGGAG 480

QY 587 gctgct 600

DB 481 ACTCAGGAG 494

RESULT 10

LOCUS BE871809

DEFINITION 6014483481 NIH_M4_65 Homo sapiens cDNA clone IMAGE:3052525 5',

mRNA sequence.

ACCESSION BE871809

VERSION BE871809.1

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE NIH-M4-65 (bases 1 to 969)

AUTHORS NIH-M4-65/nci.nih.gov/

TITLE National Institutes of Health, Mammalian Gene Collection (MGC)

JOURNAL Unpublished (1999)

CONTACT Robert Strausberg, Ph.D.

COMMENT Email: cgapbs@mail.nih.gov

